

# FIRE 175 : NFPA FIREFIGHTER 1 ACADEMY

## Transcript title

NFPA Firefighter 1 Academy

## Credits

7

## Grading mode

Standard letter grades

## Total contact hours

140

## Other hours

140

## Course Description

Provides new firefighters the practical and cognitive training needed to operate safely and effectively on the fireground. Meets the requirements outlined by NFPA 1001 (National Fire Protection Association,) the Oregon Department of Public Safety Standards and Training (DPSST,) and the International Fire Service Accreditation Congress (IFSAC) for firefighter training. Focuses on an intense hands-on approach to firefighter, which promotes both skill competency and an understanding of the fireground. Students will be tasked to complete numerous fireground evolutions that apply their skills to a variety of scenarios. Successful completion of finger printing/background check is required prior to DPSST certification. Requires a high level of physical fitness.

## Course learning outcomes

The following learning outcomes are those of the Department of Public Safety Standards Training (DPSST).

1. Describe the value of accepting responsibility for actions including evaluating the safe practices of a given action.
2. Display behavior consistent with the ethical standards within the fire service to include exhibiting a positive, professional and confident demeanor.
3. Recognize the role that firefighter fitness and well-being plays in becoming a firefighter.
4. Identify various assignments and functional positions within a fire agency while utilizing the chain of command during operations.
5. Function as a team member and work effectively in team settings as it relates to the job performances of emergency services.
6. Differentiate between fire hose supply and attack lines and the manner in which these lines are loaded and stored on fire apparatus.
7. Analyze a given structure to determine the appropriate size ladder, then effectively and safely place that ladder on the structure.
8. Show proficiency in the recognition, operation and maintenance of firefighting hand, power and electrical tools and equipment.
9. Demonstrate the appropriate use of firefighting tools to successfully gain entry into a given structure.

## Content outline

• Orientation and administration • Firefighter I certification process  
 • Health and safety • Structural personal protective ensemble • Self-contained breathing apparatus • Apparatus response • Emergency scene operations • Communications • Emergency response initiation • Radio communication • Ropes and knots • Hand and power tools • Portable electric and lighting equipment • Toll and equipment maintenance • Building construction and related hazards • Basic fire behavior • Fire extinguishers • Water supply systems • Fire hose • Utility control • Ground ladders • Forcible entry • Structural fire search and rescue • Structural firefighting operations • Horizontal ventilation operations • Vertical ventilation operations • Property conservation • Overhaul • Firefighter survival • Exterior fires • Passenger vehicle fires • Human factors • Confined space awareness • Incident command system • National incident management system

## Required materials

Students will be required to purchase a textbook.